

Calderon, Wanda

From: Bleicher, Michael <Michael.Bleicher@dep.nj.gov>
Sent: Monday, March 18, 2019 7:18 PM
To: Vinciguerra, Amy; Jerry Notte
Cc: Kraft, Nicole; Nakajima, Tsuyoshi; Liccese, Joseph; Brignoni, Rosa; Sinon, Kara; Sessoms-Midgett, Stephanie; Lowy, Michael; Adeem, Kareem; Ofori, Linda; Hansen, Kristin; Mattle, Joseph; Scatena, Laura; Burkhard, Kathleen; DiMeglio, Samantha; Pudney, Steven; Feliz, Xenia; Krietzman, Sandy; Fieo, Felicia; Wilson, Matthew; Tedesco, Kristin
Subject: RE: Newark Inspection Follow-up (NJ0714001 Monthly Operator Reporting)

Follow Up Flag: Follow up
Flag Status: Flagged

Hey Jerry,

As discussed during the inspection this month and as recognized by our USEPA colleagues, corrosion control inhibitor dosages (i.e. silica for Pequannock service area) and residual concentrations must be recorded and reported for each entry point no less than every two weeks (biweekly) per **40 CFR 141.87**. Also **N.J.A.C. 7:10-5.4(e)** and **N.J.A.C. 7:10-5.6** require submittal of monthly reports with daily records of water pumpage, quantities of water treatment chemicals and test results. Therefore, in addition to the data requested by USEPA, please be sure to incorporate silica dosage and residual values in the Monthly Operator Reports (MOR) from this point forward. If necessary, columns can be added to the MOR Form **BSDW-041** to incorporate silica dosage and residual concentrations. Please let us know if there are any questions. Note that as USEPA completes their inspection report additional information or submittals may be required. Thank you.

Michael Bleicher
New Jersey Department of Environmental Protection
Division of Water Supply & Geoscience
Bureau of Water System Engineering
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From: Vinciguerra, Amy <Vinciguerra.Amy@epa.gov>
Sent: Friday, March 15, 2019 4:29 PM
To: Jerry Notte <JNotte@kleinfelder.com>
Cc: Kraft, Nicole <Kraft.Nicole@epa.gov>; Bleicher, Michael <Michael.Bleicher@dep.nj.gov>; Nakajima, Tsuyoshi <Tsuyoshi.Nakajima@dep.nj.gov>; Liccese, Joseph <Joseph.Liccese@dep.nj.gov>; Brignoni, Rosa <Brignoni.Rosa@epa.gov>; Sinon, Kara <Sinon.Kara@epa.gov>; Sessoms-Midgett, Stephanie <Sessoms-Midgett.Stephanie@epa.gov>; Lowy, Michael <Lowy.Michael@epa.gov>; Adeem, Kareem <adeemk@ci.newark.nj.us>
Subject: [EXTERNAL] RE: Newark Inspection Follow-up

Jerry,

Thank you very much for the update, we look forward to receiving the additional information. Please let me know if you have any questions, and have a good weekend.

Amy Vinciguerra
Water Compliance Branch
EPA Region 2
(212) 637-4245

From: Jerry Notte <JNotte@kleinfelder.com>
Sent: Friday, March 15, 2019 1:35 PM
To: Vinciguerra, Amy <Vinciguerra.Amy@epa.gov>; Adeem, Kareem <adeemk@ci.newark.nj.us>
Cc: Kraft, Nicole <Kraft.Nicole@epa.gov>; 'Bleicher, Michael' <Michael.Bleicher@dep.nj.gov>; Nakajima, Tsuyoshi <Tsuyoshi.Nakajima@dep.nj.gov>; Liccese, Joseph <Joseph.Liccese@dep.nj.gov>; Brignoni, Rosa <Brignoni.Rosa@epa.gov>; Sinon, Kara <Sinon.Kara@epa.gov>; Sessoms-Midgett, Stephanie <Sessoms-Midgett.Stephanie@epa.gov>; Lowy, Michael <Lowy.Michael@epa.gov>
Subject: RE: Newark Inspection Follow-up

Amy,

It was a pleasure hosting the EPA and DEP for the Inspection last week.
We are in the process on following up on the issues and requests identified in your email. We will submit the profile and benchmarking data to the State as soon as it becomes available.
We will also submit the reports, records and information you've requested shortly.

Regards,

Jerry

Jerry J. Notte, P.E.
T-4, W-4 Licensed Operator
City of Newark Pequannock WTP

From: Vinciguerra, Amy <Vinciguerra.Amy@epa.gov>
Sent: Wednesday, March 13, 2019 2:22 PM
To: Adeem, Kareem <adeemk@ci.newark.nj.us>; Jerry Notte <JNotte@kleinfelder.com>
Cc: Kraft, Nicole <Kraft.Nicole@epa.gov>; 'Bleicher, Michael' <Michael.Bleicher@dep.nj.gov>; Nakajima, Tsuyoshi <Tsuyoshi.Nakajima@dep.nj.gov>; Liccese, Joseph <Joseph.Liccese@dep.nj.gov>; Brignoni, Rosa <Brignoni.Rosa@epa.gov>; Sinon, Kara <Sinon.Kara@epa.gov>; Sessoms-Midgett, Stephanie <Sessoms-Midgett.Stephanie@epa.gov>; Lowy, Michael <Lowy.Michael@epa.gov>
Subject: FW: Newark Inspection Follow-up

External Email.

Good afternoon:

It was brought to my attention that the first paragraph of my email sent on 3/11 contained some inaccurate information. I have revised the first paragraph below in **blue** for clarification. Please let me know if you have any questions. Thanks.

Amy Vinciguerra

Water Compliance Branch
EPA Region 2
(212) 637-4245

From: Vinciguerra, Amy
Sent: Monday, March 11, 2019 4:42 PM
To: 'Adeem, Kareem' <adeemk@ci.newark.nj.us>; 'Jerry Notte' <JNotte@kleinfelder.com>
Cc: Kraft, Nicole <Kraft.Nicole@epa.gov>; 'Bleicher, Michael' <Michael.Bleicher@dep.nj.gov>; Nakajima, Tsuyoshi <Tsuyoshi.Nakajima@dep.nj.gov>; Liccese, Joseph (Joseph.Liccese@dep.nj.gov) <Joseph.Liccese@dep.nj.gov>; Brignoni, Rosa <Brignoni.Rosa@epa.gov>; Sinon, Kara <Sinon.Kara@epa.gov>; Sessoms-Midgett, Stephanie <Sessoms-Midgett.Stephanie@epa.gov>; Lowy, Michael <Lowy.Michael@epa.gov>
Subject: Newark Inspection Follow-up

Good afternoon:

This is in follow up to the Disinfection Profile and Benchmarking discussion during the closing conference with EPA, NJDEP and Newark Water Department. Based on the information provided during the opening conference, the City of Newark is planning to undergo modifications to the treatment process that include:

- a. **Addition of potassium permanganate as pre-oxidant instead of chlorine.**
- b. **Replacement of pre-chlorine gas with sodium hypochlorite and moving closer to filters at lower dosage.**
- c. **Replacement of post-chlorine gas with sodium hypochlorite.**
- d. Ozone application, if needed (at a later date).

These changes (changes to the point of disinfection, the disinfectant used and changes to the disinfection process), meet the criteria of "significant changes to disinfection practices", established in the LT2 Enhanced Surface Water Treatment Rule (40 CFR 141.708). Therefore, if the information regarding treatment modifications is accurate, a disinfection profile and benchmarking must be conducted and the information must be submitted to the State.

Newark WD can opt to recalculate CT values of previous data, but it must be based on peak flow calculations. I am attaching a copy of the 2000 disinfection profile and benchmarking conducted by Newark WD in response to the requirements of the IESWTR (40 CFR 141.172) and link to guidance manuals.

Microbial and Disinfection Byproducts Rules Simultaneous Compliance Guidance Manual, EPA 815-R-99-015.
<https://nepis.epa.gov/Exe/ZyPDF.cgi?Dockkey=200022IP.txt>

Disinfection Profiling and Benchmarking Guidance Manual, EPA 815-R-99-013.
<https://nepis.epa.gov/Exe/ZyPURL.cgi?Dockkey=20002249.TXT>

I've also attached copies of the sign-in sheets for the opening and closing conferences held on March 5 and March 8, respectively. As mentioned at the closing conference, EPA is requesting that you provide the following items at your earliest convenience:

- a. Daily Sample House reports for January 2017-May 2017 (if 2017 and 2018 data is available in excel format, that is preferable).
- b. Flushing records conducted at Stage 2 monitoring locations from 2016-2018.
- c. A copy of the consecutive systems contract.

Thank you again for your assistance.

Amy Vinciguerra
Water Compliance Branch
EPA Region 2

(212) 637-4245